OIPER	
Eller a series	
DEC 1 3 LL	
SET A TO DE SHIPTER	

Attorney	Docket	No.			

DECLARATION AND POWER OF ATTORNEY

As a below Harried inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I
am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the
subject matter which is claimed and for which a patent is sought on the invention entitled: Plasma Leak Monitoring Method, Plasma Processin
Annaratus and Placma Processing Method

the	specification	of	which	0	is	attached	and/or	0	was	filed	85	United	States	Application	Serial	No on
							and	i w	as an	ende	on t					(if applicable); or was filed as PCT
Inter	national Appli	cati	on No.								n_					and was amended on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any generalment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 97. Code of Federal Reculations, \$1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(e) for patient or inventor's certificate or of any PCT international application(e) designating at least one country other than the United States of America listed below and have also identified below any foreign application(e) for patient or inventor's certificate or any PCT international application(e) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(e) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under	35 U.S.C. 119
Japan	JP2002-241454	August 22, 2002	A YES	O NO
			O YES	□ №
			O YES	п ио

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that lake listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the fitting date of the prior application(s) and the national or PCT international fitting date of this application.

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Reg. No. 22,540, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jemy D. Volght, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; Roger D. Taylor, Reg. No. 28,992; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; Please address all correspondence J. Michael Jakes, Reg. No. 32,824; and _ to finnegan, henderson, farabow, garrett & Dunner, LL.P. 1300 | Street, N.W., Washington, D.C. 20005, Telephone No. (202) 408-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of First Inventor	Hideki TANAKA	Inventor's Signature Hidele June	Date Angust 25, 2003
Residence	Yamanashi, Japan		Citizenship Japanese
Post Office Address	c/o Tokyo Electron AT L 2381-1, Kitagejo, Fujii-c	.imited :ho, Nirasaki-shi, Yamanashi 407-8511 Jap	oan

Listing of Inventors Continued on Page 2 hereof.

Yes

No